

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	substrate near10 regions near10 optic\$3 near10 probe near10 signal near10 interferometer detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 13:56
S2	34	substrate near10 regions optic\$3 near10 probe near10 signal interferometer detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/17 18:06
S3	27	substrate (circular or round) near6 track (targets or regions) analyte signal probe beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 10:56
S4	0	subtrate near10 regions motor near10 spin laser near10 beam sensor near10 beam interference near10 beams	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 10:57
S5	0	subtrate near10 regions motor near10 spin laser near10 beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 10:57
S6	0	subtrate near10 regions motor near10 spin laser near10 beams sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 10:57
S7	0	subtrate near10 regions motor near10 spin laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 10:58
S8	0	subtrate regions motor near10 spin laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 10:58
S9	1	subtrate regions motor spin laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 10:58

## EAST Search History

S10	1	substrate regions motor spin\$3 laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 10:58
S11	5	substrate regions motor laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:03
S12	0	motor near10 substrate regions laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:03
S13	0	(motor near10 substrate) regions laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:03
S14	0	(motor near16 substrate) regions laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:04
S15	1484	(motor near16 (carrier or platform or plate or disk or disc)) regions laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:08
S16	24	(motor near16 (carrier or platform or plate or disk or disc)) near10 regions laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:05
S17	32	substrate near10 surface plane (targets or regions) near10 angle wall analytes laser beam interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:11
S18	392	substrate near10 (targets or regions) (spin\$3 or rotat\$3 or turn\$3) near10 substrate sample incubat\$3 laser beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:12
S19	245	substrate near10 (targets or regions) (spin\$3 or rotat\$3 or turn\$3) near10 substrate sample incubat\$3 laser beam analytes	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:12

## EAST Search History

S20	134	substrate near10 (targets or regions) (spin\$3 or rotat\$3 or turn\$3) near10 substrate sample incubat\$3 laser near4 beam analytes	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:12
S21	1	10/726772.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/13 19:29
S22	2	"5824272".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/17 18:03
S23	8	("4956298"   "5356814"   "5491067"   "5501841"   "5552325"   "5575914"   "5601711").PN. OR ("5824272").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 18:03
S24	1321	422/70.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/17 18:06
S25	988046	invert\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/17 18:06
S26	57	S24 S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/17 18:06
S27	1	10/726772.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 13:56
S28	22	((DAVID) near2 (NOLTE)).INV.	USPAT	AND	ON	2007/12/20 13:58
S29	4684	interferometer.clm.	USPAT	AND	ON	2007/12/20 14:14
S30	1	S28 S29	USPAT	AND	ON	2007/12/20 13:58

## EAST Search History

S31	21	("4537861"   "4876208"   "5413939"   "5478527"   "5545531"   "5653939"   "5892577"   "5900935"   "5922617"   "6110748"   "6221579"   "6312961"   "6342349"   "6342395"   "6387331"   "6395558"   "6496309").PN. OR ("6685885").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/20 13:59
S32	8	("5131748"   "5680212").PN. OR ("5900935").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/20 14:05
S33	26	((FRED) near2 (REGNIER)).INV.	USPAT	AND	ON	2007/12/20 14:10
S34	1	((MANOJ) near2 (VARMA)).INV.	USPAT	AND	ON	2007/12/20 14:14
S35	550	(purdue near2 research).as.	USPAT	AND	ON	2007/12/20 14:14
S36	951	(purdue near2 research).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/20 14:14
S37	7194	interferometer.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/20 14:15
S38	1	S36 S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/20 14:15
S39	59257	interferomet\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/20 14:16
S40	11	S36 S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/20 14:27

## EAST Search History

S41	1043	virtanen.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/20 14:27
S42	658	virtanen.in.	EPO; DERWENT	AND	ON	2007/12/20 14:28
S43	27	(virtanen near2 jorma).in.	EPO; DERWENT	AND	ON	2007/12/20 14:29
S44	1	"5900935".pn.	EPO; DERWENT	AND	ON	2007/12/20 17:21
S45	2	interferomet\$3 detector laser ((compact near2 dis\$1) or CD or DVD)	EPO; DERWENT	AND	ON	2007/12/20 17:22
S46	1884	interferomet\$3 detector laser ((compact near2 dis\$1) or CD or DVD)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/20 17:22
S47	387	interferomet\$3 near10 detector laser ((compact near2 dis\$1) or CD or DVD)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/20 17:22
S48	69	interferomet\$3 near10 detector near10 laser ((compact near2 dis\$1) or CD or DVD)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/20 18:27
S49	0	ramillano.xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:27
S50	12	ramillano.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:28

## EAST Search History

S51	7	knobbe near2 martin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:28
S52	7	knobbe near2 martins.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:29
S53	14	(ismail near2 ashraf).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:41
S54	2	"20040166593"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:42
S55	24	wavefront near2 splitting near2 interferomet\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:54
S56	1	1993-328356.NRAN.	DERWENT	AND	ON	2007/12/20 18:43
S57	27	wavefront near2 split\$4 near2 interferomet\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:55
S58	3	S57 not S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:55
S59	1366	bio near2 (disc or disk)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:56
S60	1406	422/64.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:56

## EAST Search History

S61	5	S59 S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:59
S62	1	(fabry near2 perot) near10 substrate near10 laser near10 detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:01
S63	70	(fabry near2 perot) near10 substrate laser near10 detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:30
S64	0	S59 S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:01
S65	43	(fabry near2 perot) near10 (disc or disk)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:22
S66	194	(Mach-Zender) near10 interferomet\$3 near10 waveguides	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:50
S67	115047	"422"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:23
S68	4	S66 S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:23
S69	39	phase near2 quadrature near10 substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:30
S70	17	phase near2 quadrature near10 substrate interferomet\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:30

## EAST Search History

S71	78	(Mach-Zender) near10 interferomet\$3 near10 waveguides detector laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:50
S72	76	(Mach-Zender) near10 interferomet\$3 near10 waveguides detector laser (substrate or carrier or disc or disk)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:59
S73	2165	interferomet\$3 near10 detector laser (substrate or carrier or disc or disk)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:20
S74	3	"3740144".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:14
S75	2	"5900935".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:14
S76	8	("5131748"   "5680212").PN. OR ("5900935").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/20 20:15
S77	8	("5680212").URPN.	USPAT	AND	ON	2007/12/20 20:16
S78	417	interferomet\$3 near10 detector laser (silicon near2 wafer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:22
S79	8	S67 S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:20
S80	0	interferomet\$3 near10 detector laser (silicon near2 wafer) near10 motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:22
S81	138	interferomet\$3 near10 detector laser (silicon near2 wafer) motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:22



## EAST Search History

S82	8	interferomet\$3 near10 detector laser (silicon near2 wafer) motor (analytes or antibodies)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:25
S83	6	S82 not S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:23
S84	6	interferomet\$3 near10 detector laser (silicon near2 wafer) motor (analytes)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:25
S85	138	interferomet\$3 near10 detector laser (silicon near2 wafer) motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:33
S86	2	"6122304".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:33
S87	2	"5047845".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:34
S88	2	"5547274".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:35

## EAST Search History

S89	143	("20010055812" "20020001546" "20020008871" "20020045276" "20020051973" "20020085202" "20020106661" "20020135754" "20020151043" "20030054376" "20030133640" "20030134330" "20040002085" "20040106130" "20040132172" "20040150829" "20040166525" "20040166593" "20040229254" "20040247486" "20040258927" "20050002827" "20050003459" "20050019901" "20050042628" "4537861" "4876206" "4876208" "4975237" "5122284" "5155549" "5413939" "5478527" "5545531" "5653939" "5781649" "5844871" "5875029" "5892577" "5900935" "5922617" "5955377" "5968728" "6008892" "6030581" "6046692" "6060237" "6099803" "6110748" "6177990" "6221579" "6256088" "6287783" "6312961" "6327031" "6339473" "6342349" "6342395" "6355429" "6387331" "6395558" "6469787" "6476907" "6483585" "6496309" "6540618" "6624896" "6685885" "6687008" "6770447" "6836338" "6847452" "6917421" "6917432" "6987569").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:35
S90	66	("5122284").URPN.	USPAT	AND	ON	2007/12/20 20:37
S91	22	("5413939").URPN.	USPAT	AND	ON	2007/12/20 20:47